

## ABSTRACT

--The invention permits the improvement of the quality of an audio transmission in which audio data including samples of an audio signal are asynchronously transmitted in data packets via a packet-oriented communication network, such as a LAN. According to the invention, the audio data to be transmitted and/or already transmitted are digitally converted such that their sampling rate is altered and/or the duration of an audio signal represented by the audio data is modified while largely retaining its pitch. The conversion is performed based on a transmission situation currently detected, in such a manner that a quality of service of the audio transmission is optimized.--

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